

INFORMAȚII PERSONALE

Maria Alexandra Mârțu

EXPERIENȚA PROFESIONALĂ

-
- 01/10/2015–Prezent Asistent Universitar Catedra de Pedodonție
UMF "Grigore T. Popa" Iași, Iași (România)
- 01/01/2018–Prezent Medic Specialist Ortodonție și Ortopedie Dento-facială
Iași (România)
- 01/07/2018–Prezent Medic Rezident Parodontologie
Spitalul Clinic "Sf. Spiridon", Iași

EDUCAȚIE ȘI FORMARE

-
- 2019–Prezent Doctor în Științe
UMF "Grigore T. Popa", Iași (România)
Analiza clinico-biologică a modificărilor parodontale induse de terapiile adjuvante în tratamentul bolii parodontale la pacienții cu artrită reumatoidă
Coordonator: Prof. Univ. Dr. Foia Liliana, Prof. Univ. Dr. Forna Norina Consuela
- 01/07/2018–Prezent Absolvent cursuri de profesionalizare didactică generală - Nivelul I și II
Universitatea de Științe Agricole și Medicina Veterinară Iași, Departamentul pentru pregătirea personalului didactic, Iași (România)
- 2015–2016 Mastership in Laser Dentistry
RWTH Aachen University, Aachen (Germania)
- 2014–2016 Master în "Reabilitarea implanto - protetica a edentatiei"
UMF "Grigore T. Popa", Iași (România)
- 01/09/2008–07/2014 Medic Stomatolog
Universitatea de Medicină și Farmacie Grigore T. Popa, Iași (România)
Șefă de Promoție
- 2004–2008 Colegiul Costache Negruzzi, Iași (România)
Secția Real

COMPETENȚE PERSONALE



25

28

Limba(i) maternă(e) română

Limbile străine	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
engleză	C2	C2	C2 Cambridge	C1	C1
spaniolă	B1	B2	B2	B2	A2
germană	B1	A2	A2	A2	A2

Niveluri: A1 și A2: Utilizator elementar - B1 și B2: Utilizator independent - C1 și C2: Utilizator experimentat
Cadrul european comun de referință pentru limbi străine

Competențe de comunicare abilități de a interacționa într-o comunitate academică, dobândite prin prezentarea de lucrări științifice încă din perioada studenției
 abilități de a lucra în grup dobândite prin postul de rezident
 abilități de a interacționa cu copii, dobândite prin postul de la catedra de pedodonție

Competențe organizaționale/manageriale Abilitate de a lucra în grup și individual, sociabilitate.

Competențe dobândite la locul de muncă Originalitate, imaginație, creativitate.
 Responsabilitate și seriozitate.
 Răbdare, Optimism, Intuiție.

Competențele digitale

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
Utilizator independent	Utilizator independent		Utilizator independent	Utilizator independent

Competențele digitale - Grilă de auto-evaluare

Windows XP, Excel, PowerPoint, Internet Explorer, Word, Opera, Firefox, Google Chrome

Permis de conducere B

INFORMAȚII SUPLIMENTARE

Publicații

LUCRĂRI PUBLICATE
17 in rev. cotate ISI, 6 AP
27 in rev. BDI indexate ISI 7 AP
31 in rev. BDI 15 AP
Reviste cotate ISI (Web of Science): 17 articole

- Particularities of Orthodontic Treatment in Patients with Dental Anomalies that Need Orthodontic-Restorative Therapeutic Approach. Golovcencu L, Romanec C, Martu MA*, Anistoroaiei D, Pacurar M. *Rev.Chim.(Bucharest)*, 2019;70(8):3046-3049
- Assessment of Salivary Levels of RANKL and OPG in Aggressive vs Chronic Periodontitis. Teodorescu AC, Martu I, Teslaru S, Kappenberg-Nitescu DC, Goriuc A, Luchian I, Martu MA, Solomon SM, Mărtu S. *J of Immunology Res, Hindawi*, 2019, Article ID 6195258, 6 pg. doi.org/10.1155/2019/6195258
- Quantification of Proinflammatory Molecules (IL1- α , IL1- β , IL2, IL12, IFN- γ , TNF- α) in Crevicular

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Fluid and Serum in Patients with Endo-Periodontal Lesions.

Zaharescu A, Solomon SM, LUCA MG, Toma V, Luchian I, Sufaru IG, **Martu MA**, Foia L, Martu S. *Rev. Chim. (Bucharest)*, 2019 Jun 1;70(6):2252-5.

4. Assessment of Bacterial Associations Involved in Periodontal Disease Using Crevicular Fluid. Teodorescu AC, Teslaru S, Solomon SM, Zetu L, Luchian I, Sioustis IA, Martu MA*, Vasiliu B, Martu S. *Rev. Chim.(Bucharest)*, 2019 Jun 1;70(6):2145-9.

5. ELISA Evaluation of RANKL levels in gingival fluid in patients with periodontitis and occlusal trauma. Popa CG, Luchian I, Ioanid N, Goriuc A, Martu I, Bosinceanu D, **Martu MA**, Tirca T, Martu S. *Rev. Chim.(Bucharest)*, 2018;69(6):1578-158.

6. Identification of bacteria involved in periodontal disease using molecular biology techniques

Martu I., Goriuc A, **Martu MA***, Vata I, Baci R, Mocanu R, Surdu AE, Popa C, Luchian I.

Rev. Chim.(Bucharest), 2017,68(10): 2407-2412.

7. Study on the prevalence of periodontopathogenic bacteria in serum and subgingival bacterial plaque in patients with rheumatoid arthritis

Martu MA*, Solomon SM, Sufaru IG, Jelihovschi I, Martu S, Rezes E, Surdu AE, Onea RM, Grecu GP, Foia L. *Rev. Chim. (Bucharest)*. 2017; 68(8): 1946-1949

8. E-SEM evaluation of root surface after SRP with Periotor tips.

Solomon SM, Stoleriu S, Timpu D, Agop-Forna D, **Mârțu-Stefanache A**, Tănculescu O, Ioanid N, Mârțu S. *Materiale Plastice*, 2016; 53(4):796-798.

9. Salivary IL-1 β : A biochemical marker that predicts periodontal disease in orthodontic treatment. Luchian I, Mârțu I, Ioanid N, Goriuc A, Vătă I, Hurjui L, **Mârțu-Stefanache A**, Tatarciuc M, Matei MN, Mârțu S. *Rev Chim (Bucharest)* 2016;67(12):2749-2483.

10. AFM comparative study of root surface morphology after three methods of scaling

Solomon SM, Timpu D, Agop Forna D, **Martu-Stefanache MA**, Martu S, Stoleriu S.

Rev. Materiale Plastice, 2016,53(3): 546-549

11. The quantitative and qualitative assessment of dental substance loss as consequence of root planing by three different techniques.

Solomon SM, Stoleriu S, Agop Forna D, Timpu D, **Martu Stefanache MA**, Ursarescu IG, Martu S. *Rev. Materiale Plastice*, 2016,53(2):305-307

12. The comparative evaluation of salivary biomarkers (calcium, phosphate, salivary pH) in cario-resistance versus cario-activity.

Nicolae V, Neamtu B, Picu O, **Martu-Stefanache MA**, Ibric Cioranu VS.

Rev. Chim. (Bucharest), 2016,68 (4), 821-824

13. Evolution of inflammatory biochemical markers within periodontal therapy to patients with rheumatoid arthritis.

Boatcă RM, Scutariu MM, Rudnic I, **Mârțu-Stefanache MA**, Hurjui L, Rezes E, Mârțu S. *Rev. Chim. (Bucharest)*, 2016, 67 (4):741-744

14. The assessment of IL-6 and RANKL in the association between chronic periodontitis and osteoporosis.

Ursarescu IG, **Martu-Stefanache MA***, Solomon SM, Pasarin L, Boatca RM, Caruntu ID, Martu S. *Rev Chim. (Bucharest)*, 2016,67 (2),386-389

15. Evaluation of DNA extraction methods from saliva as a source of PCR - amplifiable genomic DNA. Solomon SM, Chiscop I, Moisei M, Badescu AC, Jelihovschi I, **Martu-Stefanache A**, Teusan A, Martu S, Iancu LS. *Rev. Chim. (Bucharest)*, 2015,67 (12),2101-2103.

16. The use of photoactivated Blue-O Toluidine for periimplantitis treatment in patients with periodontal disease.


Nicolae V, Chiscop I, Ibric Cioranu VS, **Martu MA**, Luchian AI, Mârțu S, Solomon SM.

Rev. Chim.(Bucharest), 2015,66(12): 2121-2123.

17. Photo-activated Toluidine Blue O as adjunctive periodontal treatment.

Solomon S, **Martu A***, Ursarescu I, Luchian I, Agop-Forna D, Martu S, Forna NC

Rev. Chim. (Bucharest), 2015,66(8):1166-1168.

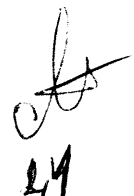


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Articole Reviste BDI indexate ISI (Web of Science). 27 articole 7 AP

1. Evaluation of the periodontal bacteria prevalence in teenage smokers.
Surdu A, Sufaru IG, **Martu MA**, Scutariu MM
Rom J of Oral Rehab., 2019, 11(4):93-100
2. Influence of laser therapy as an adjunct to periodontally optimizing orthodontic tooth movement
Martu MA*, Agop-Foma D, Luchian I, Toma V, Picus M, Solomon S.
Rom J of Oral Rehab., 2019, 11(3):161-165
3. Immunological implications of systemic risk factors for periodontal disease
Surlin P., Foia L., Solomon S., Popescu D., **Martu A.**, Popa S., Boldeanu MV., Barbu V., Rogoveanu I.
Rom J of Oral Rehab, 2019, 11(2):152-160
4. The importance of cytokines in periodontal disease and rheumatoid arthritis. Review.
Martu MA*, Solomon SM, Toma V., Maftei GA, Iovan A., Gamen A., Hurjui L., Rezus, E. Foia L., Foma NC. *Rom J of Oral Rehab, 2019, 11(2):230-40*
5. The influence of occlusal trauma on root resorption associated with periodontal disease. A microscopic study. Luchian I., Popa C., Zaharescu A., Martu I., Sufaru I.G., **Martu MA**, Sioustis I., Iovan A, Martu S. *Rom J of Oral Rehab, 2019, 11(2):274-283*
6. Perspectives and limits of mandibular lateral incisor intrusion associated with periodontal disease. A FEM study. Luchian I, Moscalu M, Martu I, Vata I, Stirbu C, Olteanu D, Pasarin L, **Martu MA**, Solomon S, Anton D, Martu S. *Rom J of Oral Rehab, 2018, 10(4):60-70*
7. The prevalence of peri-implantitis in patients with obesity. A review of literature.
Butnaru M, Popescu D, Tanase M, Gheorghe DN, Arsenie C, Barbu V, **Martu MA**, Rogoveanu I, Surlin P. *Rom J of Oral Rehab, 2018, 10(4):85-90*
8. Indirect composite veneers as a social therapeutic solution. A case report.
Ciocan-Pendefunda AA, Martu MA, Antohe ME, Luchian I, Martu I, Sioustis I, Ifteni G
Rom J of Oral Rehab, 2018, 10(4):91-96
9. Correlations between systemic therapy with conventional (synthetic) and biological DMARDS, rheumatoid arthritis and periodontal indices of chronic periodontitis
Martu MA*, Rezus E, Popa C, Solomon SM, Luchian I, Ciocan Pendefunda A, Sioustis I, Anton D, Martu S, Foia L. *Rom J of Oral Rehab, 2018, 10(4):161-169*
10. Study on the clinical changes in general and oral status in patients with rheumatoid arthritis.
Martu A*, Rezus E, Sufaru I, Banu C, Martu S, Foia L. *Rom. J. Oral Rehab., 2018, 10(3): 188-198*
11. The influence of highly viscous flowable composite resins on the survival rate of periodontal splints. Luchian I, Nanu S, Martu I, Teodorescu C, Pasarin L, Solomon S, **Martu MA**, Tatarciuc M, Martu S. *Rom J of Oral Rehab, 2018, 10(2): 63-69*
12. Evaluation of occlusal trauma as a risk factor in the etiology of chronic periodontitis
Popa C, Solomon SM, Rudnic I, Martu I, Luchian I, **Martu MA**, Sava N, Martu S.
Int J of Medical Dentistry, 2018, 8(2):189-194
13. Periodontal changes and the non-alcoholic fatty liver disease
Arsenie C, Săndulescu D, Popescu D, Gheorghe DN, **Mârțu A**, Foia L, Șurlin P, Rogoveanu I
Int. J. of Medical Dentistry, 2018, 22(3):280-287
14. Risk predictors in periodontal disease.
Solomon SM, Iovan G, Pasarin L, Sufaru IG, Mârțu I, Luchian I, **Mârțu MA**, Mârțu S.
Rom J of Oral Rehab, 2017, 9(3):89-96
15. Uses of laser therapy in pediatric dentistry.
Martu MA*, Savin C. Kharitos Konstantinos et al. *Rom J of Oral Rehab, 2017, 9(2):21-25*
16. Effect of Laser therapy on gingivitis during orthodontic treatment.
Mârțu MA*, Danila CE, Luchian I, Solomon S, Mârțu I, Foia L, Mârțu S. *Int J of Med. Dentistry, 2017, 7(4):284-289*



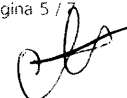
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17. On the periodontal status and oral hygiene in chronic kidney disease patients.
Solomon SM, Tanculescu O, Scutariu MM, Păsărin L, Sufaru IG, **Mărțu MA**, Luchian I, Mărțu S. *Int J of Medical Dentistry*, 2017,7(4):290-293.
18. Prosthetic treatment and its impact on oral health of a group of institutionalised patients
Bosînceanu DG, Mărțu I, Luchian I, Bosînceanu DN, **Mărțu-Stefanache MA**, Goriuc A, Tatarciuc M, Foma NC *Rom J of Oral Rehab*, 2017,9(1):54-59
19. Study on mandibular medial flexure value (MMF) for natural tooth and dental implant support.
Ioanid N, Țănculescu O, Luca O, **Mărțu-Stefanache MA**, Doscas AR, Ciofu M, Iftene G.
Rom J of Oral Rehab, 2017,9(1):99-108
20. Study regarding the quantification of RANKL levels in patients with chronic periodontitis and osteoporosis. Șufaru IG, Solomon SM, Păsărin L, **Martu-Stefanache MA**, Oanță AC, Mărțu I, Ciocan-Pendefunda A, Mărțu S. *Rom.J. of Oral Rehab.*, 2016,8(4):42-46
21. Study regarding the influence of periodontal maintenance therapy on tooth survival in patients with removable partial dentures. Ciocan-Pendefunda A, Ursarescu-Sufaru IG, **Martu-Stefanache MA**, Ioanid N, Mărțu I, Pendefunda V, Iftene G. *Rom J of Oral Rehab*, 2016,8(4):57-61
22. The influence of scaling and root planing on the glicemic status in patients with diabetes mellitus type II. Pasarin L, Ursarescu-Sufaru I, Mărțu I, Solomon S, **Martu-Stefanache A**, Ciocan-Pendefunda A, Martu S. *Rom J of Oral Rehab*, 2016,8(4):90-96
23. Implications of premature loss of primary molars. Petcu A, Bălan A, Haba D, **Mărțu Ștefanache MA**, Savin C. *Int J of Medical Dentistry*, 2016, 6(2):130-134
24. Dental materials for coronary obturation utilized in pedodontics. Savin C, Petcu A, Gavrilă L, **Mărțu-Ștefanache MA***, Bălan A. *Int J of Medical Dentistry*, 2016, 6(3):171-176
25. Study on the effects of classical periodontal therapy on the lipid profile in hyperlipidemic and chronic periodontitis patients. Nicolaiciuc O, Ursărescu (Șufaru) IG, Mărțu I, Păsărin L, Zaharescu AM, Luchian I, **Mărțu-Ștefanache MA**, Mărțu S.
Int J of Medical Dentistry, 2016, 6(3), 194-199
26. Sistemc and periodontal inflammatory burden in children and teenagers with diabetes and clinical correlations. Cioloca DP, Ursarescu I. **Martu A**, et all.
Medical-Surgical J., Rev. Medico-Chirurgicala, 2015, 119(3):896-902.
27. The effects of LED photo-activated disinfection on periodontal clinical parameters in patients with chronic periodontitis and osteoporosis. Ursarescu IG, Solomon S, Pasarin L, Scutariu M, **Martu A**, Boatca RM, Martu S. *E-Health and Bioengineering Conference (EHB)*, 2013, vol., no., pp.1, 4, 21-23, Nov. 2013. Accept: doi: 10.1109/EHB.2013.6707313.

Articole in Rev BDI, 31 articole 15 AP

1. Periodontal risks and complications correlated with orthodontic treatment. A Review.
Sioustis I.A., Luchian I., **Martu AM***, Nitescu-Kappenberg DC, Sufaru IG, Pasarin L, Vasiliu B., Solomon SM. *Rom. J. of Medical and Dental Education*, 2019, 8 (8):20-25
2. Ortho-periodontal interrelationship. A review. Sioustis I, **Martu MA***, Luca O., Nitescu-Kappenberg, DC, Luchian I., Zaharescu A., Vasiliu B., Rudnic I., Solomon S.M.
Rom J of Medical and Dental Education, 2019, 8(7):57- 62
3. Adverse effects caused by recreational drugs in the oro-maxillo-facial teritory. Review.
Solomon SM, **Martu A***, Luchian I, Sufaru IG, Sioustis I, Pasarin L, Nicolau A, Martu C.
Rom J of Medical and Dental Education, 2019, 8(6):6-11
4. The muco-gingival-periodontal effects after the administration of certain drugs prescribed in the treatment of systemic diseases. Review.
Pasarin L, Sufaru IG, **Martu A***, Nitescu-Kappenberg CD, Anton D, Mocanu R, Laza-Demirbuken G, Solomon SM.
Rom J of Medical and Dental Education, 2019, 8(6):18-25
5. Etiopathogenic molecular mechanisms in the development of endo-periodontal lesions.
Zaharescu A., Sufaru IG., Aminov L., **Martu MA**, Mocanu R., Anton D., Martu S.




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Rom. J. of Medical and Dental Education, 2019, 8(4):14-21

6. Influence of laser therapy as an adjunct to periodontally optimizing orthodontic tooth movement. **Martu MA***, Agop-Forna D., Luchian I., Toma V., Picus M., Solomon S.

Rom. J. of Medical and Dental Education, 2019, 11(3):161-169

7. Clinical effects of orthodontic treatment on periodontal status. Review

Sioustis I., **Martu MA***, Luchian I., Teodorescu C., Kappenberg-Nitescu DC., Iovan A., Martu S.

Rom. J. of Medical and Dental Education, 2019, 8(3):57-66

8. Timing of orthodontic treatment of malocclusions in the mixed dentition period.

Martu MA*, Toma V, Sirghe A, Luchian I, Savin C.

Rom. J. of Medical and Dental Education, 2018, 7(2):88-93

9. Oxidative stress and periodontal disease. Review.

Martu A*, Solomon S, Martu S, Foia L.

Rom. J. of Medical and Dental Education, 2018, 7(1):18-24,

10. Mucogingival lesions in the context of the 2017 classification of periodontal diseases

Martu S, Sufaru I, **Martu A**, Luchian I, Solomon S.

Rom. J. of Medical and Dental Education, 2018, vol. 7(1):25-30

11. Principiul biomecanic ce guverneaza terapia implantara. **Mârțu AM***, Forna NC.

Rom. J. of Medical and Dental Education, 2016, 5(1):16-27

12. Evaluation the effects of LED photo-activated disinfection on periodontal clinical parameters in patients with chronic periodontitis. **Martu MA***, Ursarescu IG, Solomon S, Foia L.

Balk J Dent Med, 2016,20(1):29-32, ISSN 2335-0245.

13. Clinical assessment of drug adjunctive therapy effects in association with chronic generalized periodontitis and osteoporotic disease. Ursarescu IG, Pasarin L, Solomon S, **Martu A**, Martu S.

Balk J Dent Med, 2015;19:158-162,

14. Evaluation of the efficiency of 2 types of periodontal probing.

Martu A*, Popa C, Luchian IA, Martu I, Oanta C, Martu S.

Balk J Dent Med, 2015;19:163-166.

15. Impact of oral health education and a non-surgical periodontal therapy on the quality of life of patients with diabetes mellitus

Oanta C, Pasarin L, Ursarescu I, **Martu A**, Martu S.

Balk J Dent Med, 2015;19:167-170

16. Terapia fotodinamică în controlul biofilmului microbial oral. Date din literatura

Mârțu- Ștefanache MA*, Solomon SM, Mârțu S

Rom. J. of Medical and Dental Education, 2015,4(2):17-26

17. Study on the risk markers for atherosclerosis in patients with severe periodontitis

Nicolaiciuc O, Ursărescu IG, Mârțu-Ștefanache A, Păsărin L, Tatarciuc D, Oanță C, Mârțu S

Int J of Medical Dentistry, 2015,5(4):301-306

18. Etiopathogenic interrelations between periodontal disease and rheumatoid arthritis

Boatcă M, Rudnic I, Ursărescu I, **Mârțu A**, Mârțu S.

Rom J of Oral Rehab, 2015,7(3):79-82

19. The assessment of renal biochemical markers and their role in periodontal disease

Solomon SM, Sincar C, Rudnic I, Păsărin L, Ursărescu IG, **Mârțu MA**, Ioanid N, Mârțu S.

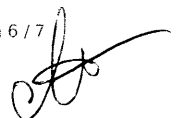
Rom J of Oral Rehab, 2015,7(3):97-102

20. The effects of poor glycemic control and of non-surgical periodontal therapy in patients with diabetes mellitus. Oanță C, Solomon S, Păsărin L, Ursărescu I, **Mârțu A**, Nicolaiciuc O, Mârțu S.

Int J of Medical Dentistry, 2015,5(3):212-215

21. Metallic instruments corrosion used in dental office.

Burlea ȘL, **Martu MA**, Martu I. *Rom J of Oral Rehab, 2015,7(4):104-107*



22. The assesment of gingival crevicular fluid microbiota in patients with chronic kidney disease
Mărțu S, Ursărescu I, Luchian I, **Martu A**, Pasarin L, Avesalon (Sincar) C, Solomon S.
Int J of Sci Research 2014,3(4):359-61.
23. Etiopatogenic interrelation between periodontal disease and rheumatoid arthritis.
Boatca M, Rudnic I, Ursărescu I, **Martu A**, Stefanache T, Mărțu S.
Int. J. of Medical Dentistry, 2014, 18 (4), (3):177-180.
24. Comparative study on the efficiency of periodontal probing with electronic periodontal probe versus conventional periodontal probe.
Martu A*, Nitescu D, Nicolaiciuc O, Popa C, Stefanache T, Ursarescu I, Solomon S, Martu S.
Int. J. of Medical Dentistry, 2014, 18 (4), (4):309-312.
25. Severe periodontal impairment in systemic conditions: a case report.
Solomon S, Martu I, **Mărțu A**, Ursărescu I, Mărțu S.
Rom J of Oral Rehab, 2013, 5(2):91-97.
26. The assessment of root canal sealers pH in the treatment of periapical inflammation processes – An in vitro study
Mărțu MA*, Aminov L, Mărțu S, Vataman M. *Rom J of Oral Rehab, 2013, 5(1):65-69*
27. Statistical study regarding the prevalence of the periodontal pathology on the teenager patient
Potarnichie O, Solomon S, Pasarin L, **Martu A**, Ursarescu I, Mărțu S.
Rom J of Oral Rehab, 2013, 5(2):80-84.
28. Statistical study on the prevalence of gingival recession in young adults
Potârniche O, Solomon S, Pasarin L, **Mărțu A**, Nițescu D, Mărțu S.
Int. J. of Medical Dentistry, 2013, 17(3):219-224.
29. Evaluation of the prevalence of the periodontal disease *versus* systemic and local risk factors.
Mărțu S, Solomon S, Potârniche O, Păsărin L, **Mărțu A**, Nicolaiciuc O., Ursărescu I.
Int. J. of Medical Dentistry, 2013, 17, (3):212-218.
30. Evaluation of glycemia at the level of sulcular and capillary blood in diabetic patients with periodontal disease. **Martu MA***, Stefanache T., Pasarin L, Foia L, Martu S.
Int. J. medical Dentistry, 2013, 3(4):286-290.
31. The periodontal management on T.I.A. or stroke patient: a case report
Solomon S, Păsărin L, **Mărțu A**, Ursărescu I, Mărțu S.
Rom J of Oral Rehab. 2013, 5(1):86-91.

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